In the Claims:

Please amend the claims as follows:

1. (Currently Amended)A personal broadcast server system for providing a customized broadcast to one or more users over a transmission media, comprising:

a data storage device for storing a plurality of broadcast elements, each broadcast element having at least one broadcast type, wherein the broadcast elements include broadcast elements of at least two types;

a data management system for storing a user profile and a user state for each of said one or more users, wherein said data management system further stores information associated with each of said plurality of broadcast elements;

a broadcast element selector having at least one broadcast element selection function for each broadcast type , wherein each broadcast section function is operable to select automatically broadcast elements from said data storage device based on a user's user profile, the user's user state, and the information associated with each of said plurality of broadcast elements; and

a broadcast server operable to receive the selected broadcast elements from said data storage device and to provide the selected broadcast elements to the user over the transmission media.

2. (Original) The personal broadcast server system of claim 1 wherein said data storage device is a file server.

3. (Original) The personal broadcast server system of claim 1 wherein said data management system is a database.

4. (Previously Presented) The personal broadcast server system of claim 1 wherein the system resides on a single computing device.

5. (Previously Presented) The personal broadcast server system of claim 1 wherein the system resides on multiple computing devices.

6. (Original) The personal broadcast server system of claim 1 wherein said data management system further includes a history of usage for each of said one or more users, and wherein said broadcast element selector is further operable to exclude broadcast elements from being delivered to a user based on the user's history of usage.

7. (Original) The personal broadcast server system of claim 1 wherein said broadcast element selector retrieves the user profile and user state directly from said data management system.

8. (Original) The personal broadcast server system of claim 1 wherein said broadcast server retrieves the user profile and user state from said data management system and provides said user profile and user state to said broadcast element selector.

9. (Original) The personal broadcast server system of claim 1 wherein said broadcast elements include audio.

10. (Original) The personal broadcast server system of claim 1 wherein said broadcast elements include video.

11. (Original) The personal broadcast server system of claim 1 wherein said transmission media is the Internet.

12. (Original) The personal broadcast server system of claim 1 wherein said transmission media is a local area network.

13. (Original) The personal broadcast server system of claim 1 wherein said transmission media is a wireless communications network.

14. (Original) The personal broadcast server system of claim 1 wherein the user profiles stored in the data management system include initial registration information derived from when the user first logs on.

15. (Original) The personal broadcast server system of claim 1 wherein the user profiles stored in the data management system include information related to a user's preferred frequency of content.

16. (Original) The personal broadcast server system of claim 1 wherein the user profiles stored in the data management system include demographic information relating to each user.

17. (Original) The personal broadcast server system of claim 1 wherein the user profiles stored in the data management system are automatically updated based on the user's pattern of usage.

18. (Original) The personal broadcast server system of claim 1 wherein said broadcast element selector selects broadcast elements based on a collaborative filtering process.

19. (Original) The personal broadcast server system of claim 1 wherein the system is implemented in software on a single computer.

20. (Original) The personal broadcast server system of claim 1 wherein the system is implemented as multiple software programs executing on more than one server.

21. (Original) The personal broadcast server system of claim 20, wherein the servers are located in more than one physical location.

22. (Original) The personal broadcast server system of claim 1, wherein each said broadcast elements selection function is operable to select broadcast elements based on a user request.

23. (Currently Amended) In a system for providing a customized radio broadcast to one or more users, a personal radio server system comprising:

a general purpose computer having a central processing unit and memory for storing user profiles for one or more users and an audio element cache for storing a plurality of audio elements that corresponds to a user profile;

said central processing unit implementing a program that causes the central processing unit to produce individual audio streams for each of the one or more users based on the user profiles stored in memory, wherein every broadcast element in the audio streams is automatically selected.

24. (Original) The personal radio server system of claim 23 wherein the individual audio streams comprise one or more audio elements.

25. (Original) The personal radio server system of claim 24 wherein the audio elements are stored as a library of digital elements.

26. (Original) The personal radio server system of claim 25 further comprising a file server for storing the library of digital elements.

27. (Original) The personal radio server system of claim 26 further comprising an audio element selector for selecting audio elements for each of the one or more users.

28. (Original) The personal radio server system of claim 27 wherein the audio element selector is implemented as separate threads for each of the one or more users.

29. (Currently Amended)A personal radio server system for providing a customized radio to one or more users over a transmission media, comprising:

a data storage device for storing a plurality of audio elements, each audio element having at least one audio type, wherein the audio elements include audio elements of at least two types;

a data management system for storing a user profile and a user state for each of said one or more users, wherein said data management system further stores information associated with each of said plurality of audio elements;

an audio element selector having at least one audio element selection function for each audio type, wherein each audio element selection function is operable to select automatically audio elements from said data storage device based on a user's user profile, the user's user state, and the information associated with each of said plurality of audio elements; and

an audio server operable to receive the selected audio elements from said data storage device and to provide the selected audio elements to the user over the transmission media.

30. (Original) The personal radio server system of claim 29 wherein said data storage device is a file server.

31. (Original) The personal radio server system of claim 29 wherein said data management system is a database.

32. (Previously Presented) The personal radio server system of claim 29 wherein the system resides on a single computing device.

33. (Previously Presented) The personal radio server system of claim 29 wherein the system resides on multiple computing devices.

34. (Original) The personal radio server system of claim 29 wherein said audio elements include advertising.

35. (Original) The personal radio server system of claim 29 wherein said audio elements include talk by a DJ.

36. (Original) The personal radio server system of claim wherein said audio element server comprises a radio program clock for selecting the type of audio element to transmit based on frequency parameters specified in a particular user's profile.

37. (Original) The personal radio server system of claim 36 wherein the frequency parameters are selected by the user.